



# Resource Recovery Corporation

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P-2

## BRANCH OFFICES

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Seattle, Washington 98108

P. O. Box 650  
Pasco, Washington 99301

May 9, 1973

Mr. John Arnquist  
Department of Ecology  
Eastern Washington Headquarters  
East 103 Indiana Avenue  
Spokane, Wash. 99207

Dear Mr. Arnquist:

Please refer to paragraph A10 of the Waste Discharge Permit #5301 of March 21, 1973 and to our informal discussions concerning the additional project described herein. The above paragraph requires your concurrence in the disposal project which we pursue beyond a research status. This letter is a request for your concurrence in this project.

A Weyerhaeuser facility in Longview has on hand approximately 5000 tons of sludge containing about 50% water. Its contents, among other things, are small quantities of barium sulphate, magnesium hydroxide and calcium carbonate and 50-60 PPM of mercury. The sludge must be de-watered and placed in a non-leachate disposal location in accordance with the instructions of your Southwestern District office (Mr. Berkholter) so as to protect the ground water from the mercury.

We are proposing to transport this sludge to our Pasco site by truck, placing it in a previously prepared trench and arranged for disposal as shown in the attached sketch. The trench will be located so that we will maintain surveillance over it during the life of the site now planned for thirty years.

Additionally, Weyerhaeuser expects to produce up to 2000 tons more of this sludge before the process they are using will be discontinued. Georgia Pacific and perhaps another company or two have quantities of this sludge. In the latter cases the process is likewise being discontinued in favor of a process that is more acceptable environmentally.

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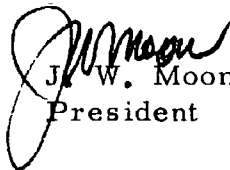


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This mercury process has been used for the production of chlorine and caustic. Thus by the time these processes are closed out it may be possible that we may have accumulated approximately 10,000 tons. Therefore, please note by the attached sketch that disposal locations are limited in the quantity each will contain.

Will you please provide a copy of your approval of this disposal project to your Southwestern office (Mr. Berkholter) since the sludge is located in the area over which that office has jurisdiction.

Yours very truly,

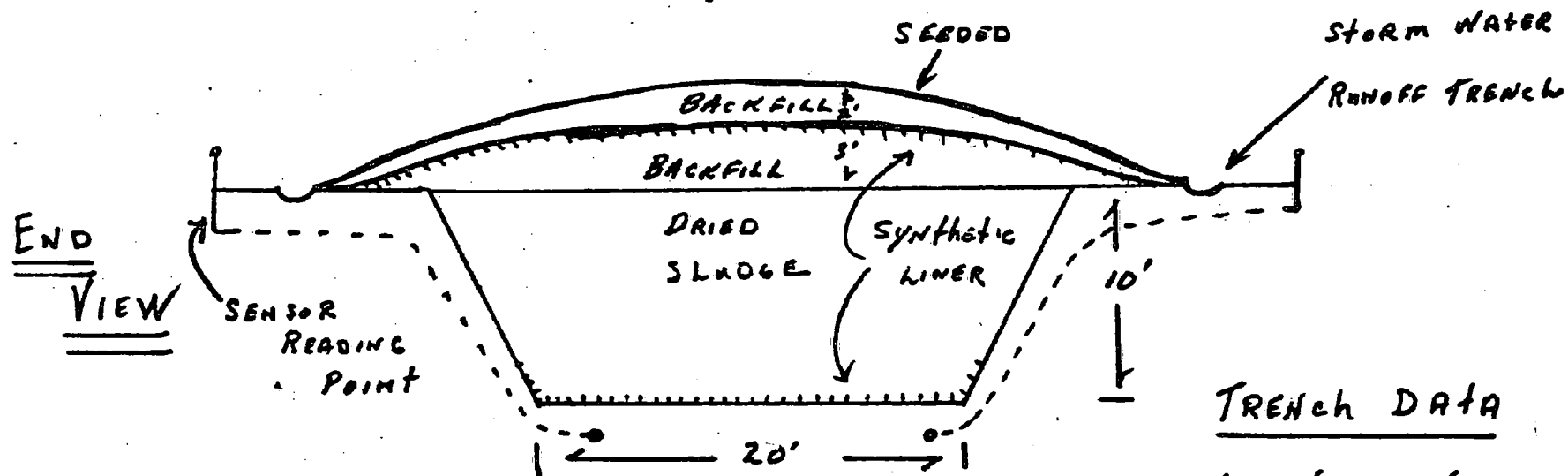
  
J. W. Moon  
President

JWM/drh

Enclosure:

Disposal scheme sketch

# Schematic DISPOSAL TRENCH DESIGN



## TRENCH DATA

20' x 10' x 100'  
 Content - 1500 TONS  
 Weight - 150<sup>00</sup> cu. ft.  
 Liner - Top + Bottom  
 Sensors - 4  
 Test Wells - 2 IN AREA

## SIDE VIEW

